

AMENDMENTS TO THE CLAIMS:

1-15 (Canceled)

16. (Currently Amended) A method for manufacturing an ink jet recording head, comprising:
forming a pressure generating chamber from a chamber plate with a pair of sides such
that said pair of sides ~~are substantially smooth surfaces~~ comprises a plurality of arcuate
portions.
17. (Currently Amended) The method according to claim ~~14~~ 16, wherein said ~~substantially~~
~~smooth surfaces have a plurality of arcuate~~ portions comprise an upper arcuate portion and a
lower arcuate portions.
18. (Currently Amended) The method according to claim ~~14~~ 17, wherein said upper arcuate
portion adjoins said lower arcuate portion ~~plurality of arcuate portions comprise a first arcuate~~
~~portion and a second arcuate portion, said first arcuate portion is coupled to said second~~
~~arcuate portion.~~
19. (Currently Amended) The method according to claim ~~14~~ 16, wherein said pair of sides
~~substantially smooth surfaces~~ are devoid of a right angle portion.
20. (Currently Amended) The method according to claim ~~14~~ 16, wherein said plurality of
arcuate portions are convex in a direction from an interior view of an inner chamber.

21. (Currently Amended) The method according to claim ~~14~~ 17, further comprising:
- forming an ink supply plate on a side of said chamber plate, said ink supply plate comprising an ink outlet passage in communication with said pressure generating chamber,
wherein said ink outlet passage comprises an upper passageway, and a lower
passageway which is displaced in an downstream direction from said upper passageway
~~a plurality of ink outlet passages arranged into a pair of parallel rows,~~
~~wherein said plurality of ink outlet passages communicate with said pressure~~
~~generating chamber.~~
22. (Currently Amended) The method according to claim ~~19~~ 21, wherein said upper
passageway and said lower passageway comprise a hemispherical-shaped upper passageway
and a hemispherical-shaped lower passageway, respectively ~~plurality of ink outlet passages~~
~~comprise an upper passage portion and a lower passage portion, and said upper and lower~~
~~portions are each substantially semispherical.~~
23. (Currently Amended) The method according to claim ~~14~~ 17, wherein said lower arcuate
portion of an upstream side of said pressure generating chamber is displaced in an upstream
direction by a displacement amount E₁ from said upper arcuate portion of said upstream side,
and
wherein said lower arcuate portion of a downstream side of said pressure generating
chamber is displaced in an downstream direction by a displacement amount E₂ from said
upper arcuate portion of said downstream side ~~wherein said chamber plate comprises a~~
~~plurality of concave surface portions.~~

24. (New) The method according to claim 17, further comprising:

forming a vibrating plate on said chamber plate, said vibrating plate forming an upper surface of said pressure generating chamber.

25. (New) The method according to claim 24, further comprising:

forming an ink supply plate on a side of said chamber plate which is opposite to said vibrating plate, said ink supply plate forming an lower surface of said pressure generating chamber.

26. (New) The method according to claim 25, wherein said ink supply plate comprises an ink inlet passage and an ink outlet passage.

27. (New) The method according to claim 26, further comprising:

forming an ink reservoir plate on a side of said ink supply plate which is opposite to said chamber plate.

28. (New) The method according to claim 27, further comprising:

forming an ink discharging plate on a side of said ink reservoir plate which is opposite to said ink supply plate.

29. (New) The method according to claim 28, wherein said ink reservoir plate comprises a common ink reservoir formed between said ink supply plate and said ink discharge plate, said

common ink reservoir in communication with said pressure generating chamber through said inlet passage.

30.(New) The method according to claim 29, wherein said ink reservoir plate comprises a through passage in communication with said pressure generating chamber through said ink outlet passage.

31. (New) The method according to claim 30, wherein said ink discharge plate comprises an ink ejection nozzle in communication with said pressure generating chamber through said ink outlet passage and said through passage.

32. (New) The method according to claim 21, wherein said upper passageway has a center C_1 , and said lower passageway has a center C_2 ,

wherein said center C_2 is displaced in an downstream direction from said center C_1 by a distance A.

33. (New) The method according to claim 32, wherein said distance A is in a range from 40 μm to 70 μm .

34. (New) The method according to claim 23, wherein a displacement amount E_1 is equal to a displacement amount E_2 .